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(54) **METHOD AND SYSTEM FOR GEOMETRY EXTRACTION, 3D VISUALIZATION AND ANALYSIS USING ARBITRARY OBLIQUE IMAGERY**

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(52) **U.S. Cl.**

USPC ..... **382/294**; 382/103; 382/154

(58) **Field of Classification Search** ..... 382/294  
See application file for complete search history.

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(57) **ABSTRACT**

Embodiments of the invention relate to the visualization of geographical information and the combination of image information to generate geographical information. Specifically, embodiments of the invention relate to a process and system for correlating oblique images data and terrain data without extrinsic information about the oblique imagery. Embodiments include a visualization tool to allow simultaneous and coordinated viewing of the correlated imagery. The visualization tool may also provide distance and measuring, three-dimensional lens, structure identification, path finding, visibility and similar tools to allow a user to determine distance between imaged objects.

**18 Claims, 14 Drawing Sheets**

